

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	30	soft and (partial near2 interference) and (hyperbolic or "tanh")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 07:17
L2	540	soft and (partial) and (hyperbolic or "tanh")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 07:17
L3	78	(soft same (hyperbolic or "tanh")) and (interference or noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 09:01
L4	2	(probability near3 error) same (partial near2 interference)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 07:34
L5	87	(probability near3 error) same (interference or noise) same coefficient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 07:50
L6	12	L5 and soft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 07:35
L7	8	(probability near3 correct) same (interference or noise) same soft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 07:51
L8	0	(probability near3 correct) same soft and (partial adj1 inteference)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 07:51
L9	0	((probability near3 correct) same soft) and (partial adj1 inteference)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 07:51
L10	15	(hyperbolic or "tanh") same (interference or noise) same coefficient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 09:50
L11	481	((hyperbolic or "tanh") same (interference or noise))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 09:51

## EAST Search History

L12	150	((hyperbolic or "tanh") with (interference or noise))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 09:54
L13	1606	((probability near3 (error or correct or incorrect)) with (interference or noise))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 09:55
L14	148	375/130-153.ccls. and ((probability near3 (error or correct or incorrect)) with (interference or noise))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 09:55
L15	105	375/346-350.ccls. and ((probability near3 (error or correct or incorrect)) with (interference or noise))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 10:03
L16	244	L15 or L14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 09:56
L17	577	((probability near3 (error or correct or incorrect)) with (interference or noise)) same (signal near3 ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 10:05
L18	79	375/130-153.ccls. and ((probability near3 (error or correct or incorrect)) with (interference or noise)) same (signal near3 ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 10:05
L19	38	375/346-350.ccls. and ((probability near3 (error or correct or incorrect)) with (interference or noise)) same (signal near3 ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 10:05
S1	234	((signal adj2 noise adj2 ratio) same (soft near2 (decision or estimat\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 18:59
S2	35	((signal adj2 noise adj2 ratio) same (soft near2 (decision or estimat\$4))) and ((interference or noise) same ((multipl\$4 or plurality) adj1 (access or user)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 18:42
S3	1113	(cancel\$4 or remove or reduc\$4) with ((interference or noise) with ((multipl\$4 or plurality) adj1 (access or user)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 19:09
S4	143	S3 and (soft near2 (decision or data or estimat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 18:43

## EAST Search History

S5	78	S3 and ((soft near2 (decision or data or estimat\$4)) same (subtract\$4 or cancel\$4 or remov\$4or reduc\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 18:44
S6	41	S5 and ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 18:54
S7	0	Holtzmann.in. and interference	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 18:52
S8	544	Patel.in. and interference	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 18:54
S9	66	S4 and ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 19:03
S10	25	S9 not S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 18:55
S11	108	((signal adj2 noise adj2 ratio) with (soft near2 (decision or estimat\$4 or data or bits)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 18:59
S12	1	S11 and (cancel\$4 or remove or reduc\$4) with ((interference or noise) with ((multipl\$4 or plurality) adj1 (access or user)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 19:00
S13	48	S11 and ((cancel\$4 or remove or reduc\$4) with (interference or noise))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 19:00
S14	8	("SNR" or (signal adj2 noise adj2 ratio)) same (hyperbolic adj1 tangent)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 19:04
S15	9	("SNR" or (signal adj2 noise adj2 ratio)) same ("tanh")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 19:09
S16	2	("6400750").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/31 19:09

## EAST Search History

S17	0	(cancel\$4 or remove or reduc\$4) with ((interference or noise) with ((multipl\$4 or plurality) adj1 (access or user))) same subtract\$4 same soft same ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 19:10
S18	4	(cancel\$4 or remove or reduc\$4) with ((interference or noise) with ((multipl\$4 or plurality) adj1 (access or user))) and (subtract\$4 same soft same ("SNR" or (signal adj2 noise adj2 ratio)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 19:11
S19	27	(cancel\$4 or remove or reduc\$4) with ((interference or noise) with ((multipl\$4 or plurality) adj1 (access or user))) and (subtract\$ same soft) and ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/31 19:11
S25	91	(tanh or (hyperbolic adj1 tangent)) same (interference or noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/02 12:22
S26	2	(Divsalar.in. and Raphaeli.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/02 12:22
S27	2370	((signal adj2 noise adj2 ratio) same ("E"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/17 19:48
S28	2370	((signal adj2 noise adj2 ratio) same ("E/"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/17 19:48
S29	6	((signal adj2 noise adj2 ratio) same ("E/N"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/17 19:49
S30	529	((signal adj2 noise adj2 ratio) same ("E" same "N"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/17 19:52
S31	132	((signal adj2 noise adj2 ratio) same ("E" adj2 "N"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/17 19:49
S32	215	(signal adj2 noise adj2 ratio) same ("E" with signal) same ("N" with noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/17 20:01

## EAST Search History

S33	5	(signal adj2 noise adj2 ratio) same ("E" with signal with bit) same ("N" with noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/17 19:53
S34	287	(probability adj1 error) same (signal adj4 ratio) same (interference or noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/17 20:02
S35	2	(probability adj1 error) same (signal adj4 ratio) same (interference or noise) same partial	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/17 20:03
S36	10	(probability adj1 error) same (signal adj4 ratio) same (interference or noise) same coefficient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/17 20:11
S37	28	"4359778"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/17 20:11
S38	2	("4359778").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/17 20:11